Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 06 Dec 2023 until 23:59 on Thursday 07 Dec 2023

Forecast Issued on Tuesday 05 Dec 2023 at 14:14

Confidence: High confidence at first, becoming moderate for the low pressure arriving on Thursday.

Headline for Wednesday 06 Dec 2023: Largely dry with bright or sunny skies, cloud and rain arriving later in the evening.

Mountain weather hazards on Wednesday 06 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny intervals	Cloudy	Cloudy	Light rain
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	30%	60%

Forecast for Wednesday 06 Dec 2023

Weather: Dry with largely clear skies overnight, chance of some valley fog. Staying dry during the day with bright or sunny skies, with high cloud at times. Winds increasing during the afternoon, with low cloud feeding in from the west during the evening. Rain arriving late evening.

Chance of cloud-free hill tops above 600m: 90% reducing to 20% late evening

Low cloud and visibility: Scattered or broken low cloud base 500-700m pushing in from the west late evening. Visibility good for much of the day but poor in early valley fog, moderate in rain later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 06 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 NE	7/9 E	7/9 E	9/12 SE	14/22 SE	18/28 SE	21/32 SE	23/33 SE	26/37 SE
300	3/4 N	3/5 E	4/9 E	5/10 E	10/18 SE	14/24 SE	17/29 SE	20/30 SE	22/34 SE
Valley	2/6 NE	4/8 E	6/10 E	6/12 E	6/14 SE	8/20 SE	11/25 SE	14/30 SE	16/33 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-4	0/-3	0/-3	0/-4	1/-5	0/-6	0/-6	-0/-7	0/-7
300	1/-1	1/-1	2/-1	2/-1	3/-1	2/-3	2/-4	2/-4	2/-4
Valley	-1/-3	-0/-3	0/-3	1/-2	3/0	2/-1	2/-2	3/-2	3/-2
Freezing Level*	400m	400m	300m	300m	400m	400m	400m	600m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold, especially at height, be prepared with appropriate layers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 05 Dec 2023	28.2mm	28.2mm	28.2mm

Forecast for Thursday 07 Dec 2023

Weather: Heavy rain spreading northeast from the early hours, easing and becoming patchy from around dawn for much of the morning, before further heavy rain arrives from the southwest during the afternoon. Drier with clear spells into the evening. Strong winds throughout.

Maximum wind: Southeasterly 20-25 mph, gusting 35-45 mph

Chance of cloud-free hill tops above 600m: 20% increasing to 60% during the evening

Low cloud and visibility: Scattered or broken low cloud base 500-700m, lowering to 400m at times during the morning, becoming few by late evening. Visibility moderate in rain, poor in hill fog, good during drier interludes.

Temperature: **Valleys:** Plus 3 to 6 Celsius
At 600m: Plus 1 to 3 Celsius
Freezing level: Above summits

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